

ABSTRACT

[Abstract]

The present invention provides a microplasma jet generator capable of stably generating a microplasma jet in a microspace at atmospheric pressure with low electric power.

The microplasma jet generator is driven with a VHF power supply to generate an inductively coupled microplasma jet and includes a substrate, a micro-antenna disposed on the substrate, and a discharge tube located close to the micro-antenna. The micro-antenna has a flat meandering shape with plural turns.